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PATENT
Atty. Dkt. APPM/005975.P1/CPI/COPPER/LB/PJS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Chang, et al.

Serial No.: 10/634,662

Confirmation No.: 6355

Filed: August 4, 2003

For: Ruthenium Layer
Formation for Copper Film
Deposition

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Group Art Unit: 1762

Examiner: Wesley D. Markham

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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The Applicants, and the Attorney who signs below on the basis of the information supplied by the inventor and the information in his file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

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The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

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Respectfully submitted,



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**SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT BY
APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 1

Application Number	10/634,662
Filing Date	August 4, 2003
First Named Inventor	Chang, et al.
Group Art Unit	1762
Examiner Name	Wesley D. Markham
Attorney Docket Number	APPM/005975.P1/CPI/COPPER/LB/PJS
Submission Date	October , 2005

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	US 6790773	09/14/2004	Drewery, et al.	
	A2	US 20050081882	04/21/2005	Greer, et al.	
	A3	US-20050006799	01/13/2005	Gregg, et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	B1	WO 2005/020317	03/03/2005	Chang, et al.		
	B2	EP 1 293 509	09/10/2002	Kawano, et al.		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	C1	International Search Report dated July 29, 2005 regarding International Application No. PCT/US2005/010203 (APPM/005975PC03)	
	C2	Meda, et al. "Chemical Vapor Deposition of Ruthenium Dioxide Thin Films From Bis(2, 4-dimethylpentadienyl) Ruthenium," Chemical Aspects of Electronic Ceramics Processing, Symposium Mater. Res. Soc., Warrendale, PA, USA, 1998, pp. 75-80, XP009050315, ISBN: 1-55899-400-9	

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Date Considered

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